Form Information

JD Form Type: Perennial

Project Location and Background Information

State	AK - Alaska
County/parish/borough	Yukon-Koyukuk
City	Livengood
Lat	65.5097
Long	-148.5222
Nearest Waterbody	Lillian Creek
TNW into which the aquatic resource flows	Tolovana River
Watershed or HUC	
Map or diagram available	■ (Review or Jurisdictional Area)
JD recorded associated sites?	■ (e.g., offsite mitigation sites, disposal sites, etc¿)
Universal Transverse Mercator:	[ ]

Form Characteristics

Each characteristic may or may not be available depending on the form type chosen.

Perennial Form

Instructions: Click Next to associate the pre-populated dates to your form. To change the dates, click in the field to access the calendar and select your new date(s). Click Next to continue.

Dates

JD Sequence: 5

■ Office Determination Date 03-Apr-2008

■ Field Determination Date(s)

Request Date 04-Feb-2008

Offsite

Area

Linear

Limits basis 1987 Delineation Manual

OHWM Elevation (if known)

POA-2007-01395 JD5

Selected Water

Folder POA-2007-01395
Form JD5
Name POA-2007-1395, Lillian Creek

Determination

Type Relatively Permanent Waters (RPWs) that flow directly or indirectly into TNWs
Area 1011.714
Flow Perennial Flow
Flow Rationale Lillian Creek flows into Livengood Creek a tributary of Tolovana River, a TNW on the Alaska District¿s Approved list of Navigable Waters.

Physical Characteristics

Relationship with TNW
Tributary stream order: 2

General Tributary Characteristics
Tributary

■ Natural
■ Artificial (man-made).
■ Manipulated (man-altered).

Tributary properties with respect to top of bank (estimate):
Average Width
Average Depth
Average Side Slopes []

Primary tributary substrate composition

■ Silts
■ Sands
■ Concrete
■ Cobbles
■ Gravel
■ Muck
■ Bedrock
■ Vegetation
■ Other

Tributary has (check all that apply):
Describe the tributary condition/stability (e.g., highly eroding, sloughing banks)
Describe the presence of run/riffle/pool complexes
Tributary geometry []
Tributary gradient % (approximate average slope)

Flow

Flow Type: Perennial Flow
# of flow events [ ] (Estimate average number of flow events in review area/year)
Describe flow regime

Other information on duration and volume

Surface flow Characteristics: [ ]
Subsurface Flow [ ]
Explain Findings

- ■ Dye (or other) test performed
- ■ Bed and banks
- ■ OHWM (Check all indicators that apply):
  - ■ clear, natural line impressed on the bank
  - ■ changes in the character of soil
  - ■ shelving
  - ■ vegetation matted down, bent, or absent
  - ■ leaf litter disturbed or washed away
  - ■ sediment deposition
  - ■ water staining
  - ■ other (list):
  - ■ the presence of litter and debris
  - ■ destruction of terrestrial vegetation
  - ■ the presence of wrack line
  - ■ sediment sorting
  - ■ scour
  - ■ multiple observed or predicted flow events
  - ■ abrupt change in plant community
- ■ Discontinuous OHWM

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

- ■ High Tide Line indicated by
  - ■ oil or scum line along shore objects
  - ■ fine shell or debris deposits (foreshore)
  - ■ physical markings/characteristics
  - ■ tidal gauges
  - ■ other (list):
- ■ Mean High Water Mark indicated by
  - ■ survey to available datum;
  - ■ physcial markings;
  - ■ vegetation lines/changes in vegetation types.

Chemical Characteristics

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Identify specific pollutants, if known

Biological Characteristics

Channel/Wetland supports (check all that apply):

- ■ Riparian corridor
- ■ Wetland fringe
- ■ Habitat for
  - ■ Federally Listed species
  - ■ Fish/spawn areas
  - ■ Other environmentally-sensitive species

■ Aquatic/wildlife diversity